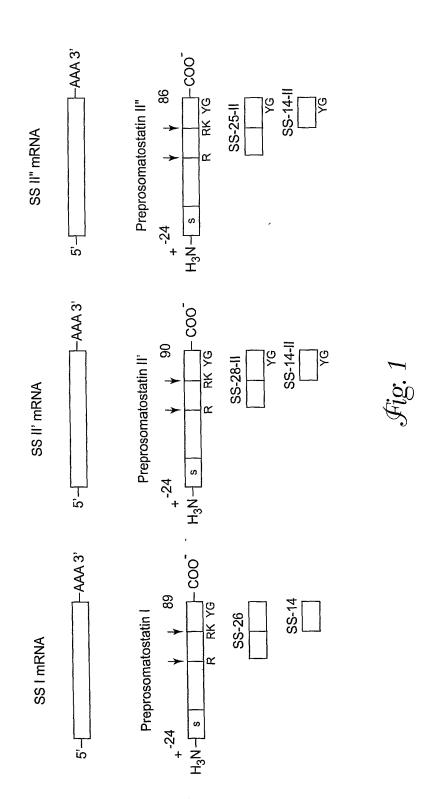
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81	152 -88	214-67	272 - 46	340 -25	403 -4	466	549 632 715
8 5 'GGGGGGGGGGAACAGGAGCAGCAGAACTCAAAGAGAAGCCAATCTCAACGATTGTCTGCCCAATTGAACCACTTTATCC	ATCCTCTGCCTCCCCGAGACCCAGAAGAAG ATG CTC TCG ACG CGT GTC CAG TGC GCC CTA GCA CTC CTC SEQ ID NO: 3 Met Leu Ser Thr Arg Val Gln Cys Ala Leu Ala Leu Leu	TCC CTA GCC CTG GCC ATC AGC AGC GTC TCT GCC GCT CCG TCC GAT GCC AAA CTC CGC CAG CTG Ser Leu Ala Leu Ala Ile Ser Ser Val Ser Ala Ala Pro Ser Asp Ala Lys Leu Arg Gln Leu	CTC CAA CGG TCA CTC ATG GCA CCT GCA GGC AAA CAG GAG CTT GCC AGG AAT ACA CTC GTA GAG Leu Gln Arg Ser Leu Met Ala Pro Ala Gly Lys Gln Glu Leu Ala Arg Asn Thr Leu Val Glu	CTA CTC TCA GAG CTC GCA CAT GTA GAG AAC GAG GCG ATT GAA TTG GAT GAC ATG TCT CAT GGC Leu Leu Ser Glu Leu Ala His Val Glu Asn Glu Ala Ile Glu Leu Asp Asp Met Ser His Gly	GTG GAG CAG GAG GAT GTG GAT CTC GAG CTG GAG CGT GCA CCC GGC CCA GTA CTG GCT CCA CGT VAl Glu Glu Asp Val Asp Leu Glu Leu Glu Arg Ala Pro Gly Pro Val Leu Ala Pro Arg	GAA CGC AAG GCT GGA TGC AAG AAC TTC TGG AAG ACC TTT ACA TCG TGT TAA TGAATCTACTC . Glu Arg Lys Ala Gly Cys Lys Asn Phe Phe Trp Lys Thr Phe Thr Ser Cys ***	CTTTACTGIGIGIACTACATCTCATCTCTTTTGTTTCAATCACTCATTGCTGAATCCAATGCACCATGGCCTAACCCTCTTTTTTTT

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75 70	139/-91 134/-87	196/-72 191/-68	253/-53 248/-49	304/-35 305/-30	358/-18 350/-14	415/+2 398/+2	477	552 535	
ress-11" accaggectgetecatacegaetgatecagategageatageeeggteeageteaget	SEQ ID NO: 9 Lys Cys Arg tecetgeaaaacaaaaaccagctetgttggag ATG AAG GTC TGC CGA ATC CAC TGT GCC CTG GCC tecetgeaaacccaactcagctetgttggag ATG AGG GTC TCC CAA ATC CAC TGT GCA CTG GCC SCC TGC GCC TG GCC TG GCC TGC GCC TGT GCA TGT GCA TGT GCA CTG GCC TGC GCC GC	CTG CTG GGT TTG GCC CTG GCC ATT TGC AGC CAA GGA GCC GCC TCG CAG CCC GAC CTG CTG CTG GGT CTG GCC CTG GCA ATT TGC AGC CAA GGA GCC GCC TCG CAG CCA GAC CTG Leu Leu Gly Leu Ala Leu Ala Ile Cys Ser Gln Gly Ala Ala Ser Gln Pro Asp Leu	Arg GAC CTC CGC AGC CGC AGA CTC CTT CAG AGG GCT CGT GCC GCT GCA TTG CCA CAC AGG GAC CTC GCG AGC CGC CGA CTC CTC CAG AGG GCC CTG GCC GCT GCA TTG CCA CAC AGG ASP Leu Ala Ser Arg Arg Leu Leu Gln Arg Ala Leu Ala Ala Leu Pro His Arg	AGT GGA GTA AGC GAG CGG TGG AGG ACA TTC TAT CCC AAC TGT CCT TGC CTG *** *** AGT GGA GTA AGC GAG CGA TGG ACA TTC TAT CCG AAC TGT CCT TGC CTG AGG TGG Ser Gly Val Ser Glu Arg Trp Arg Thr Phe Tyr Pro Asn Cys Pro Cys Leu Arg Trp	AGG CCC AGG AAA GTG AAG TGT CAA *** GCG GGG GCT AAA GAG GAC CTG CGT GTG GAG AGG CCC AGA AAA GTG AAG GGT CCA CAG CTG AAG GCC AAA GAG GAC *** *** *** AAG CCC AGA AAA GTG AAG GGT CCA CAG CTG AAG GCC AAA GAG GAC *** *** *** *** *** *** *** ***	CTG GAG CGC TCA GTG GGC AAC CCC AAC CTT CCC CCC CGT GAG CGC AAA GCC GGC CTG GAG CGC TCA GTG GAC *** *** AAC CTT CCC CCC CGC GAG CGC AAA GCT GGC Leu Glu Arg Ser Val Asp	TGC AAG AAC TTC TAC TGG AAG GGC TTC ACT TCC TGC tga gggaagaataaaccgaccatt TGC AAG AAC TTC TAC TGG AAG GGA TTC ACT TCT TGC taa gggaagaaaagcctgaccacctt Cys Lys Asn Phe Tyr Trp Lys Gly Phe Thr Ser Cys ###	atgacatgacgctgccaatcacgtcacaccgccaacttacacctgacgaatgcagccaatcaacagttagctgtg atgacacaatgcattcaatcacatcac	cccgatgatggttcttgaaatcaacagaatgatgtacctgtctaatttgtga <u>aataaa</u> tataaaataattg(a)n cctgatgacaattatgattatgatgtacctgactaatttaga <u>aataaagagagaaata</u> aggagaaac(a)n
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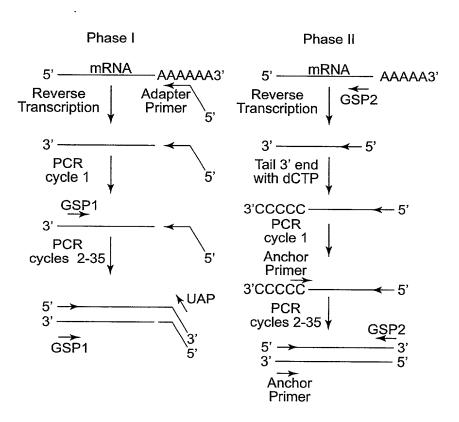


Fig. 4

Title: SOMATOSTATINS AND METHODS

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Nulceotide Identity

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54.5	52.5	72.5	56.8	72.2	78.3	84.3	92.2	95.5	98.7	Ŧ
52.8	49.8	69.4	56.8	2.79	75.5	84.3	91.2	94.4	M	100
51.1	48.0	69.4	55.3	68.4	62.6	84.3	92.4	В	98.5	98.5
51.5	49.5	6.79	53.8	2.79	74.5	84.1	œ	97.0	96.2	97.7
52.0	50.0	68.9	55.1	68.7	75.0	ပ	87.9	88.6	6.06	91.7
51.0	20.0	2.79	58.8	65.7	_ 	78.8	78.0	78.8	78.8	87.1
52.3	44.9	77.0	60.1	140	64.4	63.6	62.9	63.6	67.9	68.2
43.7	39.1	58.1	AF I	52.3	49.2	46.2	45.5	46.2	46.2	47.7
49.0	48.2	암	52.3	73.5	70.5	2.99	65.2	66.7	64.4	73.5
82.8	<u>≅</u> ≌	43.9	35.6	40.9	44.7	38.6	38.6	38.6	38.6	42.4
Y Y	84.1	45.5	35.6	44.7	47.7	42.4	42.4	42.4	42.4	45.5

Amino Acid Identity

Comparison of Amino Acid Sequences of Peptides Derived from Preprosomatostatin ${\tt I}^{\tt a}$

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Rainbow troutb Hagfishd Lampreyd Torpedod Ratfishd Bowfind Sturgeond Caffishd Salmond Anglerfish^C Eeld

Flounderd Sculpind Frog^c Salamanderd Alligatord Pigeond Ovine^d

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Sequence comparison

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(continued)

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